

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number
WO 2005/000627 A1

(51) International Patent Classification⁷: **B60N 2/28**

(21) International Application Number:
PCT/EP2004/006775

(22) International Filing Date: 23 June 2004 (23.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0314807.9 25 June 2003 (25.06.2003) GB
0315571.0 3 July 2003 (03.07.2003) GB

(71) Applicant (for all designated States except US): **CATALYST DEVELOPMENTS (EUROPE) LIMITED** [GB/GB]; 4a Accommodation Road, London NW11 8ED (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GOLD, Jonathan,**

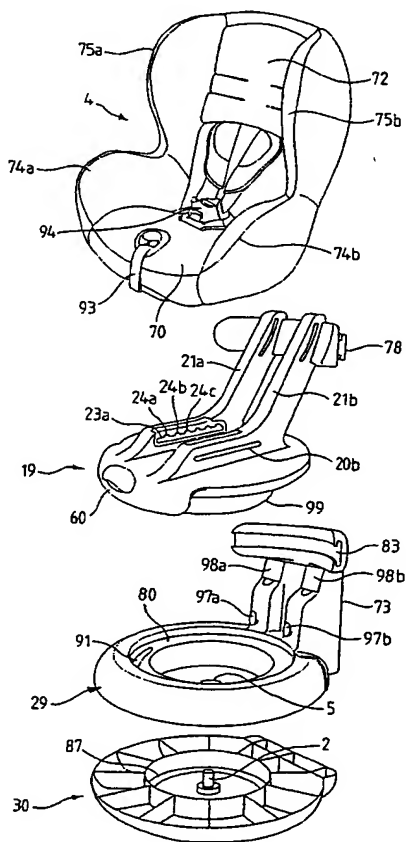
Morris [GB/GB]; 4a Accommodation Road, London NW11 8ED (GB). **SHARP, Paul, Andrew** [GB/GB]; c/o Altair Engineering Limited, Vanguard Centre, Sir William Lyons Road, Coventry, CV4 7EZ (GB). **CHATWIN, Andrew, John** [GB/GB]; c/o Paramex Limited, Business Innovation Centre, Harry Weston Road, Binley Business Park, Coventry, CV3 2TX (GB). **BARLEY, Geoffrey, Wilfred** [GB/GB]; Holly House, High Street, Pitton, Salisbury, SP5 1DQ (GB). **TYLER, Daniel, Jason** [GB/GB]; Flat 4, 101 Brighton Road, Sutton, Surrey, SM2 5SJ (GB).

(74) Agent: **PIKE, Christopher, G.**; Pike & Co., Hayes Loft, 68A Hayes Place, Marlow, Bucks SL7 2BT (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

[Continued on next page]

(54) Title: **CHILD SAFETY SEAT**



(57) Abstract: There is provided a child safety seat for use with a vehicle seat. The child safety seat comprises a cradle arranged for secure fitting to said vehicle seat, said cradle having a base part and an upright support part; a turntable, rotationally mounting to the base part of the cradle; and a seat shell, mounting on the turntable such that the turntable and the seat shell are rotatable in tandem relative to the cradle. The turntable also rotationally mounts to the upright support part of the cradle. There is also provided a cradle, turntable and seat shell for use in child safety seat as separate components, sub-assemblies or as a kit of parts. Seat belt tensioning means are also provided.



KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.